

*High Resolution*  
*Security Surveillance System*  
**COLOR BULLET TYPE CAMERA**

**USER'S MANUAL**

**Model Number :**

PBC-C3510W Silber bullet type waterproof camera

PBC-C2310W Water resistance camera

PBC-C2000 Regular lens type

PBC-C2012 Pinhole lens type



**PLEASE READ CAREFULLY AND SAVE.**

This manual contains important information about this product's operation. If you are installing this product for use by others, you must leave this manual or a copy with the end user.

# **BULLET TYPE CAMERA**

High resolution and best quality's camera

This package contains

- (1) High resolution camera
- (2) Mounting Bracket, screws and cable. User's manual

## **FEATURES**

- Extremely low power consumption
- Adjustable focus auto iris
- Built-in electronic auto-Iris for automatic light compensation.
- No blooming, no burning
- Alternative lens configuration

## **IMPORTANT! Read Before Installation.**

### **CAUTION!**

Connect this unit ONLY to other compatible units. Do not connect it to any other type of alarm or auxiliary device. Connection anything else to this unit may damage it or prevent it from operating properly.

### **CAUTION!**

Do not paint over the camera.

### **CAUTION!**

Conversations and images, even from rooms near the camera, may be broadcast.

To protect your privacy, always turn off the camera when not in use. Distributors shall not be liable for any misuse or use contrary to local, state or federal laws.

## IMPORTANT SAFETY PRECAUTIONS

Please Read Before Installing.

Congratulations on your purchase of the outdoor water proof camera. Please read these safety and operating instructions carefully before installing and using this system.

- Keep the camera and adapter cord out of reach of children. And do not place the camera or adapter cord in a crib or playpen.
- Do not use the camera near water or damp and wet environments, such as a bathtub, laundry, tub kitchen sink, or wet basement.
- Locate the camera and AC adapter where there is adequate ventilation. Do not locate the camera in direct sunlight.
- Do not locate the camera and AC/DC adapter near heat sources such as heat requisites, radiators ovens, furnaces or other appliances with high operating temperatures.
- Do not use with extension cords. Use only the AC/DC adapter provided with this system. Use of other adapters may damage the camera and void your warranty.
- Only plug components into standard household voltage outlets (12V AC, 60Hz)
- Do not place cords from the AC adapter or camera where they can be pinched or stepped on. Protect the cords by keeping them out of the way of children, pets and routine household traffic. Do not place heavy objects on power cords or cover cords with rugs or carpet.
- When cleaning, use a DRY, lint-free cloth. Unplug the camera and AC adapter before adapter before cleaning. NEVER immerse any component in water and do not spray cleaners or solvents on the unit. Doing so may damage the unit or cause electrical shock.
- Unplug the AC adapter from the wall outlet when the system is not in use.
- Mishandling, alterations or modifications not approved by the manufacturer will void the warranty.

## GENERAL INFORMATION

These Bullet type camera provides excellent video monitoring in a small, easy to install unit. The tiny camera comes complete with a mounting bracket which you can use to install the camera almost anywhere.

The camera can be used with your existing TV, monitor, or VCR. Its 0.15inch (3.8mm) lens provides a clear 75feet wide angle view. In addition to its superior video quality, the camera can operate within 0.5LUX and 0 LUX up to 15 feet. The outer case is waterproof which allows the camera to be used in outdoor and underwater applications and so on.

NOTE: This camera cannot pick up sound because it does not have a built-in microphone.

### Parts of the Outdoor Camera

1. Camera Lens
2. Night Vision LED
3. RCA Type Video out Plug or mini type DIN jack
4. DC Power Plug
5. DC power adaptor (as an optional)



# SPECIFICATIONS

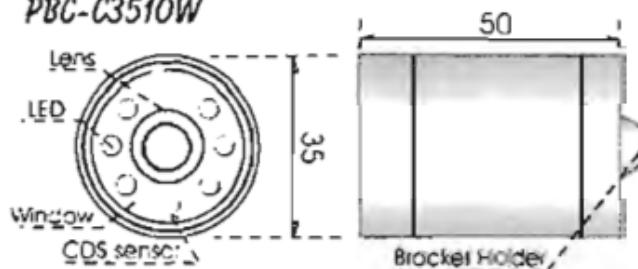
## Model No

PBC-C3510W

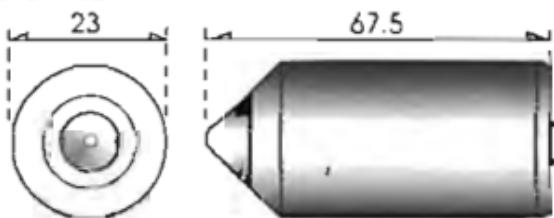
Image Sensor	Interline Color 1/4" CCD
Effective Pixel	512(H) x 492(V)pixels - NTSC 512(H) x 582(V)pixels - PAL
Scanning System	2 : 1 Interlaced
Sync System	Internal Sync(NT), Non-Interface(P)
Resolution	380 TV Lines (H)
S/n Ratio	More Than 46 dB (typ)
Gamma Characteristics	0.45
Min. Illumination	0 Lux with LED, 1.0 Lux (f1.2 )
Video Out	1.0 Vp-p, 75ohm
White Balance	Auto White Balance
Electronic Shutter	1/60 ~ 1/10,000 Sec. (N) 1/50 ~ 1/10,000 Sec. (P)
Power Supply	DC12V
Power Consumption	110mA (LED off) 220mA(LED on)
Lens	3.7mm (others optional)
Ambient Operating Temp	-15.0 Deg C ~ 50.0 Deg C
Ambient Storage Temp	-20.0 Deg C ~ 90.0 Deg C
Dimension	Rh 95% Max
Weight	35mm dia. x 55mm(D)
Water resistance	175 g
Output terminal	water resistance or water proof
Housing	4pin DIN or RCA jack
Housing color	Die-casting.
LED	Silver or black color (optional)
CDS sensor (optional)	IR LED used White LED's optional Mounted for day & night time

# DIMENSIONS

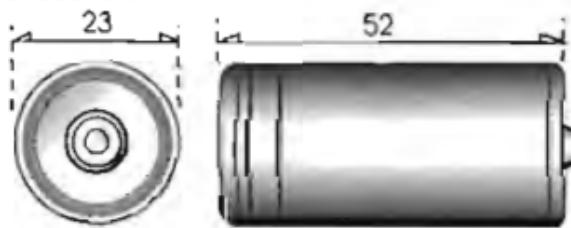
PBC-C3510W



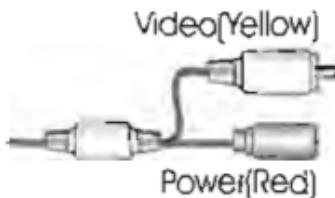
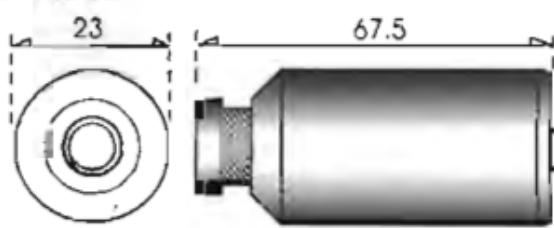
PBC-C2012



PBC-C2310W



PBC-C2000

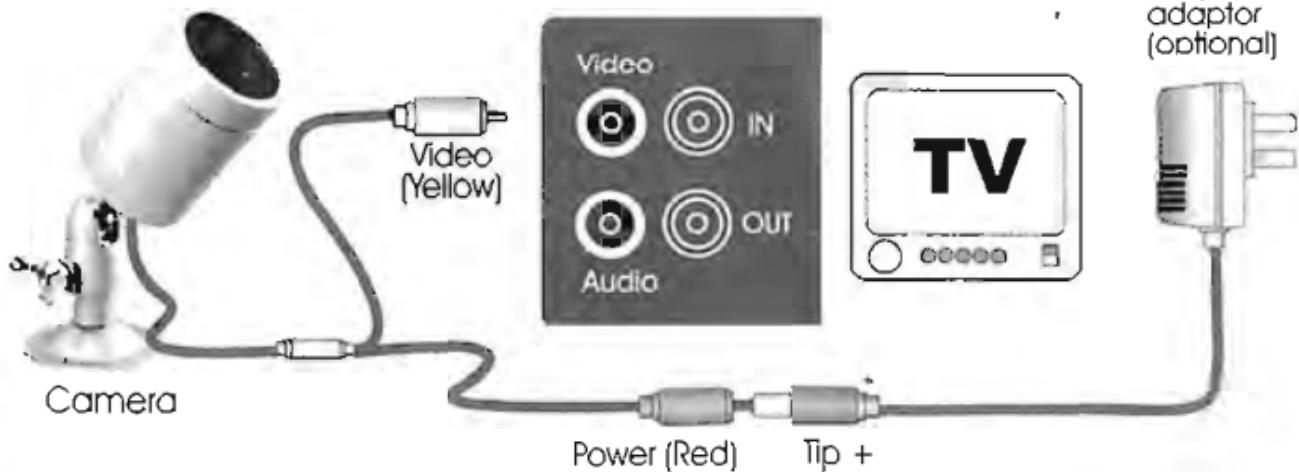


4pin mini DIN jack (Female)



Mounting bracket

# CONNECTION DIAGRAM



The above specification subject to change without previous notice for quality improvement or better usage